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INFO	RMATION	DISCLOSU	JRE		Complete if Known	
STAT	EMENT B	Y APPLICA	NT	Application Number	10611455	
				Filing Date	June 30, 2003	
				First Named Inventor	GRAY, JAMES	
				Art Unit	2623	
				Examiner Name	Ingvoldstad, Bennett	
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			US PAT	ENT DOCUMENTS	
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear
	1.	20010054134 A1	Dec 20, 2001	FRISHAUF et al.	
	2.	20020069132 A1	Jun 6, 2002	Perkes et al.	
	3.	20020156870 A1	Oct 24, 2002	Boroumand et al.	
	4.	20030204847	Oct 30, 2003	Ellis et al.	
	5.	20040003402 A1	Jan 1, 2004	McKenna	
	6.	20040168188	Aug 26, 2004	Bennington et al.	
	7.	20040235567 A1	Nov 25, 2004	Chatani	
	8.	20040261127	Dec 23, 2004	Freeman et al.	
	9.	20050086688 A1	Apr 21, 2005	Omoigui	
	10.	20050114906	May 26, 2005	Hoarty et al.	
	11.	20050196139	Aug 8, 2005	Blackketter et al.	
	12.	20050204030 A1	Sep 15, 2005	Koch et al.	
	13.	20060075430 A1	Apr 6, 2006	Park	
	14.	20060190966	Aug 24, 2006	McKissick et al.	
	15.	20070107035 A1	May 10, 2007	Howe et al.	
	16.	20070124763 A1	May 31, 2007	Ellis	
	17.	20070136773 A1	Jun 14, 2007	O'Neil et al.	
	18.	20070155506 A1	Jul 5, 2007	Malik	
	19.	20070168884 A1	Jul 19, 2007	Weeks et al.	

EXAMINER	DATE CONSIDERED

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO INFORMATION DISCLOSURE Complete if Known STATEMENT BY APPLICANT Application Number 10611455 Filing Date June 30, 2003 GRAY, JAMES First Named Inventor 2623 Art Unit Ingvoldstad, Bennett **Examiner Name** (Use as many sheets as necessary) Attorney Docket No: 36968-332546

## US PATENT DOCUMENTS Examiner Cite Publication Date Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Document Initial \* Number Where Relevant Passages or RelevantFigures Appear 20. 20070186269 Aug 9, 2007 Malik Α1 20070208766 21. Sep 6, 2007 Malik A1 22. 3798610 Mar 19, 1974 Bliss et al. 3886302 May 27, 1975 Kosco 4130833 Dec 19, 1978 | Chomet 24 25 4258386 Mar 24, 1981 | Cheung 26 4264925 Apr 28, 1981 Freeman et al. 27 4361851 Nov 30, 1982 Asip et al. 28. 4488179 Dec 11, 1984 Kruger et al. 29 4566030 Jan 21, 1986 Nickerson et al. Jan 28, 1986 30 4567591 Grav et al. 31 4573072 Feb 25, 1986 Freeman 32 4598288 Jul 1, 1986 Yarbrough et al. 33. 4688248 Aug 18, 1987 Tomizawa 34 Aug 25, 1987 Barbieri et al. 4689661 Oct 6, 1987 35. 4698670 Mattv 36 4720873 Jan 19, 1988 Goodman et al. 37. 4816904 Mar 28, 1989 McKenna et al. 38. 4862268 Aug 29, 1989 Campbell et al. 39. 4890322 Dec 26, 1989 Russell, Jr 40 4912552 Mar 27, 1990 Allison, III et al. 41. 5010585 Apr 23, 1991 Garcia 5010858 42. Apr 30, 1991 Schierling et al. 5038211 43. Aug 6, 1991 Hallenbeck 44. Sep 3, 1991 5046090 Walker et al. Sep 3, 1991 45 5046092 Walker et al. 46. 5055924 Oct 8, 1991 Skutta 47 5161019 Nov 3, 1992 Emanuel Dec 22, 1992 Miller et al. 48 5173900 49 5191645 Mar 2, 1993 Carlucci et al McCalley et al. 50. 5208665 May 4, 1993

EXAMINER DATE CONSIDERED

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Substitute Disclosure Statement Form (PTD-1449)

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-			US PAT	ENT DOCUMENTS	
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear
	51.	5247347	Sep 21, 1993	Litteral et al.	
	52.	5249044	Sep 28, 1993	Von Kohorn	
	53.	5260778	Nov 9, 1993	Kauffman et al.	
	54.	5262860	Nov 16, 1993	Fitzpatrick et al.	
	55.	5287181	Feb 15, 1994	Holman	
	56.	5335277	Aug 2, 1994	Harvey et al.	
	57.	5339315	Aug 16, 1994	Maeda et al.	
	58.	5343240	Aug 30, 1994	Yu	
	59.	5357276	Oct 18, 1994	Banker et al.	
	60.	5374951	Dec 20, 1994	Welsh	
	61.	5390027	Feb 14, 1995	Henmi et al.	
	62.	5404393	Apr 4, 1995	Remillard	
	63.	5444499	Aug 22, 1995	Saitoh	
	64.	5446490	Aug 29, 1995	Blahut et al.	
	65.	5481542	Jan 2, 1996	Logston et al.	
	66.	5483277	Jan 9, 1996	Granger	
	67.	5502499	Mar 26, 1996	Birch et al.	
	68.	5539822	Jul 23, 1996	Lett	
	69.	5557320	Sep 17, 1996	Krebs	
	70.	5557338	Sep 17, 1996	Maze et al.	
	71.	5585838	Dec 17, 1996	Lawler et al.	
	72.	5608448	Mar 4, 1997	Smoral et al.	
	73.	5629733	May 13, 1997	Youman et al.	1
	74.	5640192	Jun 17, 1997	Garfinkle	
	75.	5648824	Jul 15, 1997	Dunn et al.	
	76.	5661517	Aug 26, 1997	Budow et al.	
	77.	5721829	Feb 24, 1998	Dunn et al.	
	78.	5779549	Jul 14, 1998	Walker	
	79.	5781246	Jul 14, 1998	Alten et al.	
	80.	5787683	Jul 1, 1998	Sistanizadeh et al.	
	81.	5805154	Sep 8, 1998	Brown	
	82.	5818438	Oct 6, 1998	Howe et al.	
	83.	5822123	Oct 13, 1998	Davis et al.	

EXAMINER DATE CONSIDERED

Dubdlate Disclosure Statement Form (PTO-1449)

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Attorney Docket No: 36968-332546

			US PAT	ENT DOCUMENTS	
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or RelevantFigures Appear
	84.	5828420	Oct 27, 2008	Marshall et al.	
	85.	5847771	Dec 8, 1998	Cloutier et al.	
	86.	5585858	Dec 17, 1996	Harper et al.	
	87.	5867205	Feb 2, 1999	Harrison	
	88.	5880768	Mar 9, 1999	Lemmons et al.	
	89.	5880769	Mar 9, 1999	Nemirofsky	
	90.	5892508	Apr 6, 1999	Howe et al.	
	91.	5931908	Aug 3, 1999	Gerba et al.	
	92.	6005561	Dec 21, 1999	Hawkins et al.	
	93.	6012983	Jan 11, 2000	Walker et al.	
	94.	6100883	Aug 8, 2000	Hoarty	
	95.	6108042	Aug 22, 2000	Adams et al.	
	96.	6113495	Sep 5, 2000	Walker et al.	
	97.	6157413	Dec 5, 2000	Hanafee et al.	
	98.	6244957	Jun 12, 2001	Walker et al.	
	99.	6256785	Jul 3, 2001	Klappert et al.	
	100.	6324544	Nov 27, 2001	Alam, S. et al.	
	101.	6419137	Jul 16, 2002	Marshall et al.	
	102.	6463207	Oct 8, 2002	Abecassis	
	103.	6468155	Oct 22, 2008	Zucker et al.	
	104.	6502242	Dec 31, 2002	Howe et al.	
	105.	6567982	May 20, 2003	Howe et al.	
	106.	6634942	Oct 23, 2003	Walker et al.	
	107.	6676522	Jan 13, 2004	Rowe et al.	
	108.	6800029	Oct 5, 2004	Rowe et al.	
	109.	6826775	Nov 30, 2004	Howe et al.	
	110.	6967566	Nov 22, 2005	Weston et al.	
	111.	7237253	Jun 26, 2007	Blackketter et al.	
	112.	7266835	Sep 4, 2007	Halbert	

Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where	T²

EXAMINER DATE CONSIDERED

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STAT	EMENT BY	APPLICA	NT.	Application Number	10611455
				Filing Date	June 30, 2003
				First Named Inventor	GRAY, JAMES
				Art Unit	2623
				Examiner Name	Ingvoldstad, Bennett
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Sheet	5	of	7	Attorney Docket No: 3	36968-332546

				Relevant Passages or RelevantFigures Appear	
113	WO-9414284	Jun 23, 1994	Hendricks et al.		

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	114.	"Building a Switched Broadcast Network", Access Intelligence LLC 11/15/2005	
	115.	"Building Dynamic Content for Set-Top Boxes."", Sun Microsystems 1994-2005	
	116.	"Building the Perfect on Demand Beast: Television on Demand Presents a	
		Dizzyling Array of Technology Options.", Reed Business Information 11/03/2003	
	117.	"Chips: Motorola's Scorpion chip turns TV into interactive information	
		appliance.", Work Group Computing Report 08/11/1997	
	118.	"Columbia Tri-Star Television Distribution and Microsoft Sponsor Development	
		Competition for Interactive Television.", Microsoft Press Pass 01/25/2000	
	119.	"EnReach Technology, Inc. Demonstrates Next Generation of Interactive	
		Television with Innovative Open PVR Solution.", EnReach Technology, Inc. PR	
		Newswire Sept. 12, 1996-2006	
	120.	"Enter Video-On-Demand.", Electronic news 08/31/1998	
	121.	"Liberate Technologies Completes Assessment Aboard Scientific -Atlanta	
		Explorer Set Tops and Digital Interactive Network.", Liberate Technologies	
		Press 05/02/2002	
	122.	"Next-Generation Digital Video Network: Intelligent IP Infrastructure Solutions for	
		Cable Operators Offering VoD Services.", Reed Business Information 02/2004	
	123.	"PBS Debuts Another First In Interactive Television; Wavexpress Selected to	
		Provide Digital Broadcasting Platform.", Market Wire 02/28/2001	
	124.	"PENTV: BBC Achieves Significant Interactive TV Audiences With OpenTV.",	
		08/13/2001	
	125.	"Set-Top Survival.", Electronics Weekly 05/22/2002	
	126.	"Successfully Marketing Television on Demand: Operators, Programmers Look	1
		to Drive VOD Usage Through Promotions, Improved Navigation.", Reed	
		Business Information ISSN: 00072028 11/22/2004	
	127.	"Time Warner Introduces World's First Full Service Network in Orlando; Network	
		offers First Digital Interactive Service including Movies on Demand, Home	
		Shopping and Interactive Games", Business Wire 12/14/1994 , 1-3	
	128.	"Video on the Move.", Reed Business Information 08/14/2000	

**EXAMINER** DATE CONSIDERED

· EXAMINER: Initial if refe

Approved for use through 10/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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		R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	129.	"Worldgate Set to Deliver 'GO! TV Links' for Dynamic Interactive TV.", Advanstar	
		Communications, Inc. 10/22/2002	
	130.	"http://www.nintendo.com/consumer/downloads/wave_english.pdf",	$\Box$
	131.	BERKOWITZ, BEN "Developers Interacting With Sony Set-Top Box", Cable	
		Worlds 05/21/2001	
	132.	BISSELL, R.A. et al., "The Set-Top Boxes for Interactive Services.", BT	1
		Technology J. Vol 13 No. 4 10/1995, 66-77	
	133.	CAREY, JOHN "Content and Service for the New Digital TV Environment",	
	134.	CAULEY, LESLIE "Microsoft, Baby Bell Form Video Alliance", The Wall Street	
		Journal 09/26/1994	
	135.	CHORIANOPOULOS, KONSTANTINOS "The Digital Set-Top Box as a Virtual	
		Channel Provider. ", Dept. of Management Science and Technology, Athens	
	1	University of Economics & Business 04/2003	
	136.	DRANSFELD, HENNING et al., "Interactive TV and Formula One a Strategic	
		Issue for Engine Suppliers", European Business Review 1999	
	137.	DROITCOURT, J.L. "Understanding How Interactive Television Set Top Box	
		Works And What It Will Mean To The Customer.", International Broadcasting	
		Convention Sep. 14-18, 1995	
	138.	ELMER-DEWITT, PHILLIP "PlayFast ForwardRewindPause U.S. Firms	
		Want to Wire America for Two-Way TV, but their Systems Are Not Ready for	
		Prime Time."", <u>Time Archive</u> 05/23/1994 , 1-4	
	139.	ELMER-DEWITT, PHILLIP "Ready For Prime Tim", Time Archive 12/26/1995,	T
		1-4	
	140.	GRANT, PETER "On-Demand TV Expands via Underused Fiber Highways.",	
		Wall Street Journal 12/17/2004	
	141.	GREENWALD, JOHN "Battle for Remote Control.", Time Archive 03/01/1995	_
	142.	HODGE, WINSTON "Architecture to Deliver Video on Demand.", Electronic	
		Business Buyer 11/1994	
	143.	JAIN, SANJAY K. et al., "Video on Demand: An Overview.", A Central University	
		February 2003	
	144.	KEOUGH, CHRISTOPHER "Interactive TV Connection-Technology-Gold	T
		Pocket Interactive Acquires Mixed Signals Technologies.", Los Angeles	
		Business Journal 03/04/2002	

EXAMINER DATE CONSIDERED

Subditute Disclosure Statement Form (PTO-1449)

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	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T
	145.	LEBAN, M. et al., "Internet Search for TV Content Based on TV Anytime.", September 22-24, 2003	
	146.	LIN, et al., "The Influence of Network Branding on Audience Affinity for Network Television.", Advertising Research Foundation 02/2004	
	147.	LOIZIDES, "Interactive TV: Dispelling Misconceptions in the Media.", Acm Computers in Entertainment, Vol. 3, No. 1, Article 7a, 01/2005	
	148.	MERMIGAS, DIANE "NBC Taking TV's Future by the Reins With On-Demand Content, Delivery.", Television Week 09/15/2003	
	149.	SHORT, DAVID "A Quick Guide to Interactive Television.", <u>Broadcasting</u> Engineering 02/2005	
	150.	SRIVASTAVA, H.O. et al., "On-Line Broadcast Archives for Interactive Video.", 1997	Ī
	151.	VERHOEVEN, JAN L. et al., "System Architecture for Experimental Interactive Television.", LogicaCMG Nederland B.V.	
	152.	WATERMAN, DAVID "Internet TV: Business Models and Program Content", Dept. of Telecommunications Radio and TV Center 09/2001	
	153.	ZOLLMAN, PETER M. "Interactive Television", www.rtnda.org/resources/intnews/srttv.htm , 1-9.	

	/Bennett Ingvoldstad/		
EXAMINER	/Definett ingvoldstad		04/24/2008
EXAMINER		DATE CONSIDERED	04/24/2000

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